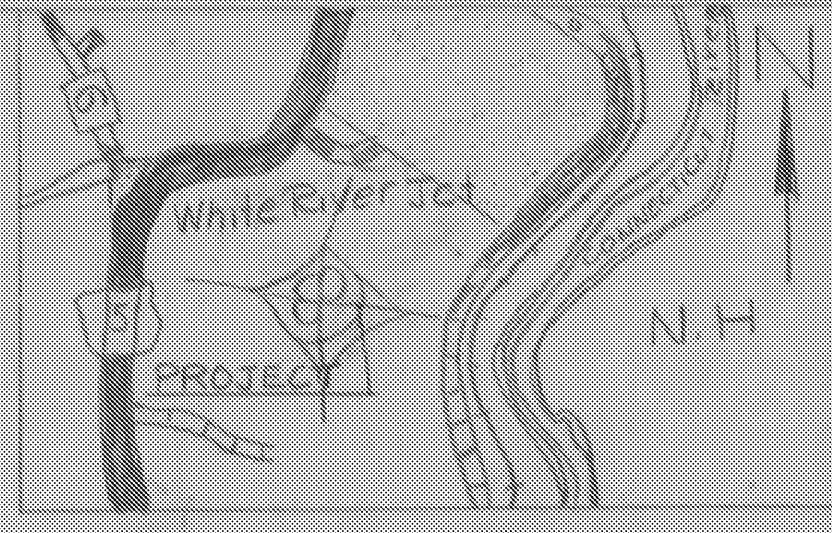
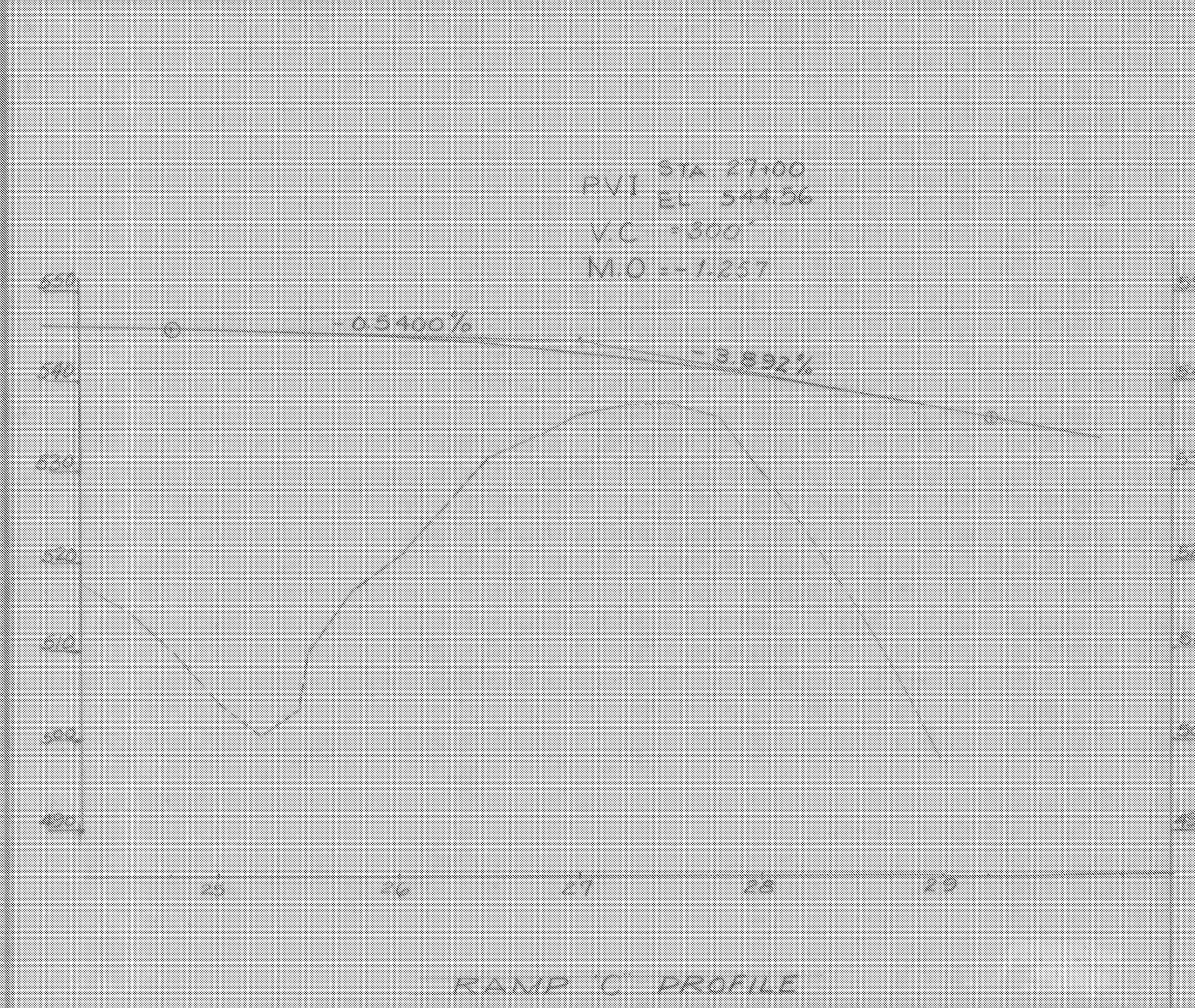


HIGHWAY NO. I-91 NAME OF HIGHWAY \_\_\_\_\_  
 STRUCTURE NO. \_\_\_\_\_ COUNTY WINDSOR TOWN HARTFORD  
 PROJECT NO. I-91-1(2) LOCATION Ramp 'C' over I-89 STA. 33+50

**EXISTING STRUCTURE**

- 1 DATED LEAVING OF EXISTING STRUCTURE \_\_\_\_\_
- 2 TYPE OF EXISTING STRUCTURE \_\_\_\_\_
- 3 UNDERCLEARANCE ELEVATION OF EXISTING STRUCTURE \_\_\_\_\_
- 4 WHAT DISPOSITION SHOULD BE MADE OF EXISTING STRUCTURE \_\_\_\_\_
- 5 SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE \_\_\_\_\_
- 6 SHOULD NEW TEMPORARY STRUCTURE BE BUILT \_\_\_\_\_
- 7 ORDINARY HIGH WATER SURFACE ELEV. AT EXISTING STRUCTURE \_\_\_\_\_ WATERWAY TO ORDINARY H.W.
- 8 EXTREME HIGH WATER AT EXISTING STRUCTURE \_\_\_\_\_
- 9 SPAN OF EXISTING BRIDGE UPSTREAM \_\_\_\_\_ WATERWAY TO EXTREME H.W.
- 10 SPAN OF EXISTING BRIDGE DOWNSTREAM \_\_\_\_\_ WATERWAY TO EXTREME H.W.
- 11 TYPE OF FOUNDATION UNDER EXISTING ADJUSTMENTS \_\_\_\_\_
- 12 DOES ALL WATER AT FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE \_\_\_\_\_
- 13 IS THERE AT WHAT ELEVATION IS RELIEF AFFORDED \_\_\_\_\_
- 14 ESTIMATED WETLAND AREA REQUIRED \_\_\_\_\_

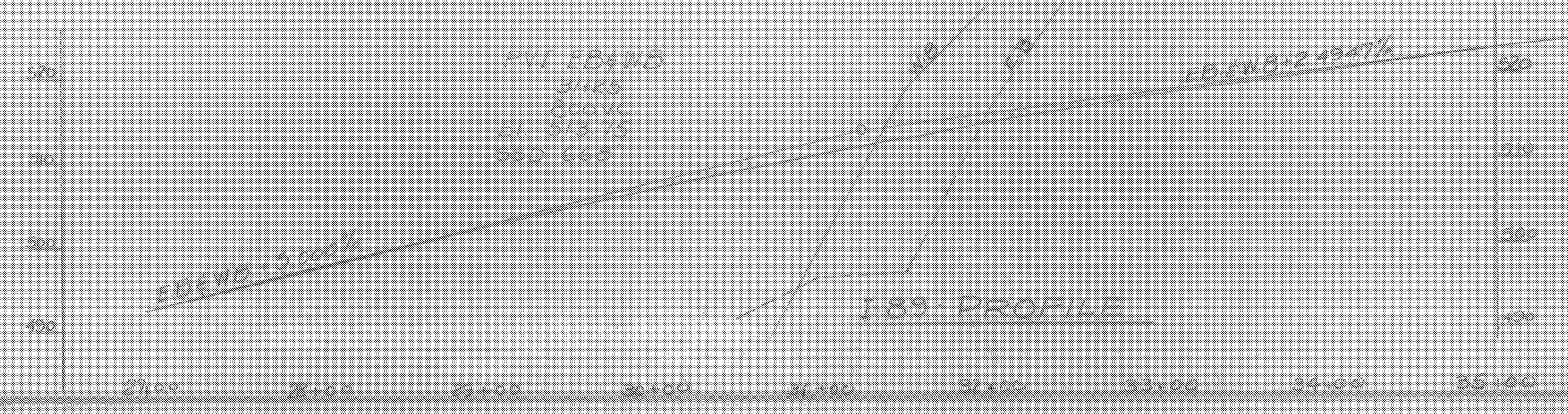


**NEW STRUCTURE**

- 1 RECOMMENDED TYPE OF STRUCTURE 2-Composite Plate Girder, Simple Spans
- 2 RECOMMENDED CLEAR SPAN OR SPANS 97'-97'
- 3 MEASURED PARALLEL TO NEW HIGHWAY \_\_\_\_\_
- 4 MEASURED AT RIGHT ANGLES TO STREAM \_\_\_\_\_
- 5 ARE THERE OBSTRUCTIONS TO A PIER IN THE STREAM, ANSWER YES OR NO \_\_\_\_\_
- 6 ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE \_\_\_\_\_
- 7 EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE \_\_\_\_\_ SOURCE OF INFORMATION \_\_\_\_\_
- 8 IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE? \_\_\_\_\_
- 9 DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY? \_\_\_\_\_ IS ORDINARY HIGH WATER? \_\_\_\_\_
- 10 LOW WATER ELEVATION AT NEW STRUCTURE \_\_\_\_\_
- 11 DRAINAGE AREA IN ACRES ABOVE STRUCTURE \_\_\_\_\_ CHARACTER OF TERRAINE \_\_\_\_\_
- 12 IS STREAM VEED DRY? \_\_\_\_\_
- 13 VELOCITY OF STREAM AT HIGH WATER STAGE \_\_\_\_\_ ESTIMATED DISCHARGE \_\_\_\_\_
- 14 AREA FULL OPENING \_\_\_\_\_ AREA BELOW ORDINARY H.W. \_\_\_\_\_
- 15 CHARACTER OF SOILS \_\_\_\_\_ DRIFT \_\_\_\_\_ USE \_\_\_\_\_
- 16 ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE \_\_\_\_\_
- 17 ESTIMATED CLEARANCE ABOVE FLOOD ELEVATION \_\_\_\_\_
- 18 ARE GUARDRAILS REQUIRED, IF SO ON WHAT SIDE No \_\_\_\_\_
- 19 RECOMMENDED TYPE OF PAVEMENT 1/2" Bit Conc. Pav't & 7 1/2" slab \_\_\_\_\_
- 20 TRAFFIC TO BE MAINTAINED UNDER THE NO. N/A \_\_\_\_\_ ONE OR TWO WAYS \_\_\_\_\_ PROBABLE COST \_\_\_\_\_
- 21 PROBABLE COST OF CLEARING AND ENLARGING STREAM CHANNEL AT STRUCTURE SITE N/A \_\_\_\_\_
- 22 SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES? No \_\_\_\_\_
- 23 ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS 45 tons/ft SHOULD PILES BE USED? Yes \_\_\_\_\_ EST. LOAD 85 max.

**FOUNDATION INFORMATION**

OBTAINED FOR DESIGN PURPOSES ONLY, AND THE STATE ASSUMES NO RESPONSIBILITY WHATSOEVER FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN. SOULERS MAY BE ENCOUNTERED AT ANY DEPTH OR ARBITRARY LOCATION.



HARTFORD-SHARON  
IM MEMB(15)

SHEET 20 OF 47  
BRIDGE 41C  
FOR REFERENCE ONLY

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

IN THE TOWNS OF  
HARTFORD

ROUTE NO. I-91 LOG STA. \_\_\_\_\_  
RAMP 'C' OVER I-89

DESIGNED BY GVR CHECKED BY R.S.H. SCALE \_\_\_\_\_  
 PROJECT NO. I-91-1(2) SHEET 20 OF 47  
 APPROVED BY [Signature] CHIEF ENGINEER  
 APPROVAL DATE 1/2/64 SHEET 195 OF 242

Recommended for approval 1/2/64 by [Signature]  
 Recommended for ASST. [Signature]

Br 302 of 311 55-B12